06-28-00

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Reduction Act 9/1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. CA TRA **Application Number** 10/677.900 TRANSMITTAL Filing Date Oct 2, 2003 **FORM** First Named Inventor Crabtree, Dennis W. **Art Unit** 3752 (to be used for all correspondence after initial filing) **Examiner Name** Nguyen, Dinh Attorney Docket Number Total Number of Pages in This Submission 50049 **ENCLOSURES** (Check all that apply) After Allowance communication to (TC) Fee Transmittal Form Drawing(s) Appeal Communication to Board of Fee Attached Licensing-related Papers Appeals and Interferences Appeal Communication to TC Amendment / Reply Petition (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final Proprietary Information **Provisional Application** Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please identify **Extension of Time Request** Х Terminal Disclaimer below): **Express Abandonment Request** Request for Refund ROA mailed 3/31/06 Information Disclosure Statement CD, Number of CD(s) Landscape Table on CD Certified Copy of Priority Document(s) Remarks Reply to Missing Parts/ It is believed that no further request for extension of time or fees are due. Notwithstanding, Incomplete Application the Commissioner is authorized to charge any additional fees incurred or credit any overage to Deposit Account No.50-1753 ( 50049 ). Please regard this as a further request for extension of Reply to Missing Parts under time to the extent one is needed. (Customer Account Number 22929) 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Printed name Sue Z. Shaper Date June 27, 2006 Reg. No. 31663 CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage via Express Mail # EV 671531480 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

# Signature Typed or printed name Sue Z. Shaper Date June 27, 2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Crabtree, et al.

Application No.: 10/677,900

Art Unit:

3752

Filed: 10/2/2003

Examiner:

Title: Ranger/Hybrid Automatic Self-Metering Nozzle,

with Ratio-Selectable & Flow Meter Features

Nguyen, Dinh

Attorney Docket No.: 50049

**Commissioner for Patents** 

P.O. Box 1450

Alexandria, VA 22313-1450

### **RESPONSE TO OFFICE ACTIOM MAILED 3/31/06**

#### Dear Sir:

In response to the Office Action of March 31, 2006, please amend this application as follows:

#### In the claims:

Please amend the claims as per the attached claim amendment sheet.

#### **REMARKS**

#### Status of the Claims

Independent claims 1-14 are pending. Claims 1-9 are apparatus claims directed to a firefighting nozzle. Of claims 1-9, claims 1-4 are independent. Claims 10-14 relate to a fire fighting method. Of claims 10-14, claims 10-12 are independent.

Independent apparatus claims 1-4 all recite,

"the conduit [a fire fighting liquid conduit of the selfmetering automatic industrial-scale fire fighting nozzle]